

# Dr. Kirk A. Astroth

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## University Address:

The University of Arizona  
4-H Youth Development  
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## Education

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Doctor of Education—Adult & Higher Education  
Masters of Science—Range Science & Extension  
Masters of Arts—Political Science  
Bachelor of Arts—Political Science

Montana State University, 1996  
Utah State University, 1984  
Columbia University, 1976  
University of Denver, 1974  
University of Copenhagen, DK

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## International Activities

- Undergraduate thesis on the worker's self-management system in Yugoslavia.
- Junior year abroad program, University of Copenhagen, 1972-1973.
- Masters in political science and international relations from Columbia University, Institute for East-Central Europe. Graduate Fellow, 1975-1976.
- VOCA (Volunteers in Overseas Cooperative Assistance) short-term assignment to rebuild 4-H programs in Latvia and Lithuania, 1994 and 1995.
- Presenter, Society for Korean Children and Youth Studies World Forum. "*Positive Youth Development and Welfare Through Strengths and Spirituality: Views from Korea and America*," University of Kansas, Lawrence, KS. July 2008.
- Member and Chair of the States' 4-H International Exchange Program board of directors, 2008-2010.
- Represented U.S. 4-H in Japan, summer of 2009.
- US-A.I.D./Winrock International Volunteer to Nepal in 2014. Provided technical assistance and training on youth facilitation and leadership skills to the National Youth Federation—Nepal in August/September 2014.
- REINU Project—Mexico. A consortium with 19 universities in Mexico to establish a national Extension network and 4-H in Mexico. January 2015 – January 2016
- US-AID/Partners of the Americas Volunteer to Nicaragua, November 2015. Provided technical assistance and training to staff of the Fabretto Foundation and 112 youth and 37 adult 4-H volunteers over 3 weeks at various locations in the country.

## **Employment History & Significant Accomplishments**

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### **Extension Specialist, 4-H Youth Development, College of Agriculture, Norton School for Family & Consumer Sciences and Faculty Associate to the Dean of the College of Science (October 16, 2015 – Present)**

After being removed as the administrator for the Arizona 4-H Youth Development Program by the Director of Extension, I returned to my academic home in the Norton School where I continue to work on 4-H curriculum development, international positive youth development, afterschool program quality, STEM education, the Tucson Festival of Books Author's Committee and Science City Steering Committee, and I continue to provide leadership for the UACE Wildcat Corps AmeriCorps Project. This program is funded from a \$300,000 grant from the Governors' Office of Youth, Faith & Family and provides us with 45 AmeriCorps slots to fill with Cooperative Extension.

Currently I am on sabbatical leave where I am participating in a variety of programs to improve my ability to speak and write in Spanish. I am currently in Mexico studying at the Baja Language College and at LaSalle University in Mexico City.

### **Assistant Dean & Director, Arizona 4-H Youth Development, College of Agriculture (2012—October 16, 2015)**

After serving as Interim Associate Dean & Director of Arizona Cooperative Extension, I was appointed Assistant Dean & Director, Arizona 4-H Youth Development, to provide statewide coordination and leadership for the development, implementation and evaluation of the Arizona 4-H Youth Development Program. Arizona 4-H annually reaches approximately 100,000 youth through 4-H clubs, school enrichment, before and after-school programs, and special interest activities. This position is a faculty position and is administratively responsible to the Director of Cooperative Extension.

As Assistant Dean, I provides administrative support to the Associate Dean and Director of Extension, taking system-wide leadership in the administration of the human science programs in Extension and providing leadership in the development and implementation of various distance education and social media projects and objectives that are initiated by the Extension Administrative Team.

### **Interim Associate Dean and Interim Director, Cooperative Extension (2011—2012)**

Following the retirement of Dr. James A. Christenson in June 2011, I was appointed Interim Associate Dean and Interim Director of Cooperative Extension at the University of Arizona. In this role, I provide overall administrative leadership to Extension in Arizona, leading a team of approximately 20 faculty and staff in the director's office. In addition, I conduct performance reviews of all County Extension Directors (17) and serve as a key member of the College of Agriculture & Life Sciences Executive Council. I chair our own Extension Administration Team which includes program leaders for agriculture programs and family, consumer & health sciences programs. In addition, I provide leadership for our AmeriCorps and VISTA volunteer programs that provide 32 positions to county offices.

**Associate Director, Arizona 4-H Youth Development, (2008—2015). (Rank: Full Professor)**

In March 2008, I became the director of the Arizona 4-H youth development program and Assistant Director of Extension and was promoted to Associate Director in 2010. My responsibilities include providing statewide coordination and leadership for the development, implementation and evaluation of the Arizona 4-H Youth Development Program. Arizona 4-H annually reaches approximately 100,000 youth through 4-H clubs, school enrichment, before and after-school programs, and special interest activities. Specifically, I--

- Provide visionary leadership and establish strategic directions for Arizona 4-H in cooperation with agents, specialists, leaders and youth
- Establish relationship and develop new partnerships within and outside the University to develop interdisciplinary programs that will address youth issues.
- Provide leadership in developing and maintain effective teamwork among 4-H youth, volunteers and county and state professionals.
- In cooperation with the Associate Directors, expand youth development efforts within all Extension program areas.
- Support 4-H staff and faculty and convene the team as necessary for planning, coordination and communication.
- Direct both an AmeriCorps\*VISTA and an AmeriCorps project for UA Cooperative Extension which includes 32 positions located in various counties of the state.
- Perform administrative functions for the Arizona 4-H program including planning of the budget and coordination of the faculty and staff.
- Serve on the Extension Administrative Leadership Team.
- Serve as spokesperson for Extension youth programs and the efforts of Arizona 4-H. Represent Arizona 4-H at the state, regional, national and international levels.
- Provide leadership for planning, developing, implementing and evaluating 4-H Youth Development educational programs by involving departments, faculty, county agents, volunteer adults and youth as partners.
- Facilitate a marketing plan for the Arizona 4-H program that will reach youth development professionals, Arizona youth, adults and supporters.
- Foster an environment conducive to a strong volunteer management system and support an environment conducive to the development of youth/adult partnerships
- Operate within a framework of shared leadership in decision-making.
- Provide oversight and work cooperatively with the Arizona 4-H Youth Foundation.
- Engage in scholarly and creative youth development work in support of county, reservation and statewide 4-H Youth development programs and professionals.
- Establish and maintain partnerships and collaborations with campus departments and other pertinent state and private institutions and organizations to develop interdisciplinary programs that will address relevant youth issues.

Leadership positions include chair of the National 4-H Program Leadership Team, administrative liaison to the Western Institute Planning Team, chair of the National 4-H Video Challenge Contest, chair of two search committees, appointment to the Governor's Fairs and Livestock Advisory Committee, and director of the UACE VISTA, AmeriCorps and NCCC projects. In addition I have also served as President and Treasurer of the Arizona Association of Extension 4-H Agents—the professional association of 4-H youth development in Arizona.

**Extension 4-H Specialist, Outreach & Priority Programs, (2007) (Rank: Full Professor)**

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Assistant Dean, & Director, 4-H Youth Programs and Professor  
College of Agriculture and Life Sciences  
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In June 2004, I opted to give up my administrative duties in order to focus on program development. I served as state contact for National 4-H program mandates—(1) Science, Engineering and Technology (SET) including serving on the Montana Space Grant Affiliates Committee, (2) Healthy Lifestyles, including Media Smart Youth and the MSU Meth Prevention Initiative, and (3) Citizenship and Leadership, including international programs. I served as the program contact for the innovative TerraPod science and film-making project, the Montana 4-H Youth Cabinet, and served as a steering committee member for the Montana After-school Network. In addition, I provided leadership for the Montana 4-H military clubs program at Malmstrom Air Force Base and with the National Guard and Reserve, and gave leadership for the CYFAR initiative. Finally, I provide leadership for youth development research initiatives and grant acquisition.

**Director, Montana 4-H Center for Youth Development, 2004 to 2007 (Rank: Full Professor)**

As Director and department head for the Montana State University 4-H Center for Youth Development for 3 years, I gave leadership to all program initiatives related to teaching, research, outreach/technical assistance and marketing 4-H. Supervised 8-10 staff people, including our private Foundation staff and work study students. Served as the Faculty Affairs representative for the MSU Extension Service. Served as the Western Regional 4-H Program Leaders' chair. Member of the Department of Political Science External review team. Established collaborative projects with the colleges of Business, Letters & Science, Arts & Architecture, Education, Health & Human Development, and Agriculture (5 of the seven colleges on the MSU campus).

**Extension 4-H Specialist, Montana State University, 1990 to 2004**

**(Rank: Full Professor—Tenure awarded 1996, Promotion in 2000)**

My responsibilities included: (1) curriculum specialist; (2) collaboration; and (3) youth at risk program coordinator. Coordinated the revision and editing of all curriculum materials which support 4-H programs. Networked with other specialists on campus as well as with other youth-serving organizations in the state to coordinate youth development efforts. Served on several state-wide coalitions that addressed the needs of Montana youth, including the Interagency Coordinating Council for Prevention and the Montana Children's Trust Fund (elected chair of both groups). Directed the Western 4-H Institute in 2001-2002 which provided baseline professional development training for nearly 70 Extension youth development professionals from 12 Western states. Served as Vice-President, President-Elect, President and Past-President of the National Association of Extension 4-H Agents (NAE4-HA) and represented this professional association on the National 4-H Leadership Trust for two years. Significant positions held include--

- Youth at risk coordinator for Montana 4-H youth programs
- Montana 4-H Curriculum specialist
- Chair, Montana Children's Trust Fund (Governor's appointment)
- Member and former chair, Interagency Coordinating Council for Prevention
- Project team leader for the multi-disciplinary Extension team called "Developing Capable People--Montana"
- Member of the Governor's Council for Families
- Past coordinator for the Governors' Summit on Youth: Montana's Promise, 1998
- Director of the Montana Promise Fellows AmeriCorps program, 1999-2000
- Past chair, Montana Council for Families (non-profit NCPCA affiliate)
- President, National Association of Extension 4-H Agents (NAE4HA), 2002
- President, Joint Council of Extension Professionals (JCEP), 2003

- Two overseas assignments to re-establish 4-H programs in Latvia and Lithuania with Volunteers in Overseas Cooperative Assistance (VOCA) in 1994 and 1995

### **Extension 4-H Specialist, Kansas State University, 1988-1990**

**(Rank: Assistant Professor--Tenure awarded February 1990)**

Responsible statewide for the 4-H beef project, including the State Fair 4-H Beef Show and 4-H Beef Quiz Bowl. Chaired the 4-H Beef Project Curriculum Design Team that rewrote the entire 4-H beef project. Provided support to all 105 counties for all 4-H club and county level leadership development and training. Coordinated and facilitated the training and development for **all** 4-H club leaders, project leaders, 4-H councils, parent committee members, and new family coordinators. Served as chairman of the departmental initiative on Human Health and Well-being, served on the Kansas Extension Youth-At-Risk Program Development Team, and served as co-chair of our program for 4-H club enrollment retention and expansion. Staff coordinator for the Salute to Excellence program, state 4-H Leaders' Forum, Regional Leader's Forum, and National Leader Forums. Other significant positions included--

- Volunteer leadership specialist and youth-at-risk coordinator
- Member, Governor's Commission on Education for Parenthood
- Kansas Governor's Commission on Education for Parenthood, 1984-1990
- Kansas Governor's Teen Institute Task Force, 1985-1987
- Kansas Governor's Citizens' Advisory Committee on Alcohol and Drug Abuse, 1985-1987
- President, Journal of Extension Board of Directors
- Chair, Journal of Extension Editorial Committee

### **Area Extension Specialist, 4-H Youth Development, Kansas State University, 4-H Youth Programs (1983-1988). (Rank: Assistant Professor)**

Responsibilities included providing leadership in this 21-county area Responsibilities in program planning and development, leadership development, agent training, volunteer management, club programs, teen programs, horse shows, judging contests, range youth camp and day camps, in-service training for county staff, 4-H promotion, and fund raising. Served as a member of the computer and geology project developmental committees, worked on the swine committee at the Wichita National Junior Livestock show, served as an assistant superintendent for the geology division at the State Fair, coordinated the state fair crops judging contest, and have served as a member of the Kansas 4-H Curriculum Management Task Force.

### **Green Fields Country Day School, Tucson, Arizona, 1977-1981**

Teacher and chairman of both the history and physical education departments at this private, co-educational college preparatory day school for about 120 students. Established curriculum and selected textbooks for all major subjects. Taught six different preparations each day to an average class size of 15 students, grades 7-12. As Physical Education Department chair, I served as the school representative in the Tucson Independent School League, a league for inter-mural competition. Initiated the school's first rock climbing program and started the experimental gardening project with the help of the University of Arizona Extension Service. Served as faculty advisor to the Outdoors Club, the Bicycling Club, Student Council, and the National Honor Society. Co-chairman of the Interim Program for two years, a program designed for intensive, 2-week learning experiences off the school campus. Significant positions include--

- History teacher and chair of the social studies department
- Began the school's first Model United Nations Club

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- One of my students won the state history essay contest in 1979.

## **Honors and Awards**

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- Phi Beta Kappa, Gamma Chapter, University of Denver, 1974
- Omicron Delta Kappa (Honorary Leadership Fraternity), University of Denver, 1974
- University of Denver Scholars' Program, 1971-1974
- Political Science Honors' Program--graduated with "Highest Honors", 1974
- University of Denver Study Abroad Program, University of Copenhagen, 1972 - 1973
- National Defense and Foreign Language Fellowship, Columbia University, 1975
- Columbia University President's Fellowship, 1975
- Columbia University President's Fellowship, 1975
- Utah State University Dean's Honor Roll, 1981-1983
- "Thousand Points of Light" Award from President George Bush for developing the 4-H CARES program, 1990.
- National Association of Extension 4-H Agents' "Distinguished Service Award", 1993.
- Inducted into Kappa Delta Pi, MSU Chapter, 1995.
- Executive Board member, Phi Delta Kappa, 1996 –1997
- Montana Governor's "Celebration of Children" Award, 1999.
- Epsilon Sigma Phi—Alpha Chapter "Team Award", 1999
- "MSU Extension Silver Buffalo Award," the highest award given by the MSU Extension Service, 2000.
- Meritorious Service Award, National Association of Extension 4-H Agents, 2007.
- Western Extension Directors' "Awards of Excellence" Honorable Mention Award for Meth in Montana team award, July 2008.
- NAE4-HA Communicator Award—Best Video Program awarded for "4-H: Passport to Adventure" Western Regional 4-H Marketing Campaign, 2009.
- University of Arizona, College of Agriculture & Life Sciences "Outstanding Efforts in Fund Development" Award, May 2014.
- Winrock International Foundation, "Volunteer of the Month" March 2015 for work in Nepal.
- Winrock International Foundation, "Volunteer Spirit of the Year" award, April 2015.
- Presidential Volunteer Service Award—Bronze Level, 2014. Presented by President Barack Obama for work in Nepal.
- Cox Communications "Connect2STEM" award for the best STEM afterschool program in Arizona, 2015.

## **State Committee Appointments**

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Member, Tobacco-Free Montana Coalition, 1999-2002  
 Member, Montana Parent Information Resource Coalition, 1999-2003  
 Member, Governor's Council on Families, 1996-2000  
 Coordinator, Governors' Summit on Youth: Montana's Promise, 1997-1998  
 Montana Interagency Coordinating Council for Prevention, 1995-2001  
 Chair, Montana Interagency Coordinating Council for Prevention, 1997-1999  
 Montana Children's Trust Fund, President, 1995-2001 (appointed by the Governor)  
 Montana Council for Families, Board of Directors and President, 1991-1996  
 Montana Council for Families, Secretary and member of the Executive Committee, 1992-1993

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Montana Council for Families, Public Relations Committee, 1992-1995  
 Montana Prevention Assistance Team, 1990-1994  
 Montana Prevention Assistance Team, Publicity Coordinator, 1991-1993  
 Governor's Commission on Education for Parenthood, 1984-1990  
 Kansas Governor's Teen Institute Task Force, 1985-1987  
 Kansas Governor's Citizens' Advisory Committee on Alcohol and Drug Abuse, 1985-1987  
 Kansas Association of Extension 4-H Agents, Newsletter editor, 1985-1987.  
 Kansas 4-H Curriculum Management Task Force, 1986-1987  
 Kansas Cooperative Extension Service Task Force on Economic Revitalization, 1986  
 Member on the Chanute Unified School District's Substance Abuse, Human Sexuality, and AIDS Education Task Force, 1988  
 Chairman, Information and Education Committee, Kansas Chapter, Society for Range Management, Kansas-Oklahoma Section, 1988-1989.  
 Co-Chair, Awards Committee, Kansas Chapter, Society of Range Management, Kansas-Oklahoma Section, 1988-1989.  
 Advisory Board, Member-At-Large, Little Apple Task Force on Drug and Alcohol Abuse, 1989-1991.  
 Advisory Board, Rural Education Project for Alcohol and Drug Abuse Prevention, 1989-1990.  
 Co-Chair, Governor's Commission on Education for Parenthood Task Force on Parenting  
 Secretary and Executive Committee Member, Kansas Governor's Commission on Education for Parenthood  
 Board of Directors, Kansas Parent Education Resource Center, 1986-1989  
 Member, Working With Families Conference Planning Committee, 1988-1990  
 Member, Montana Extension Staff Development Planning Committee, 1990-1992.  
 Member, Advisory Board of the Native American Family Empowerment Project, 1990-1991.  
 Member, Montana Extension Building Human Capital/Youth At Risk Task Group, 1990-1991.  
 Chair, Montana Extension Building Human Capital/Youth At Risk Task Group, 1991-1992.  
 Member, Montana Extension Water Quality Task Group, 1990-1991.  
 Member, Gallatin County Extension Program Review Committee, 1990.  
 Chair, Montana NAE4-HA Bid Committee, 1990-1991.  
 Communications Coordinator, Montana Prevention Assistance Team, 1991-1992  
 Member, Search Committee for the Associate Director of Extension, 1991-1992.  
 Member, Youth Food Safety Advisory Board, 1991-1994  
 Montana Association of Extension 4-H Agents' Policy & Resolutions Committee Chair, 1994 to 1998  
 Treasurer, Montana Association of Extension 4-H Agents, 1994–1998  
 Montana Association of Extension 4-H Agents' Professional Development Committee Chair, 1998–2007.  
 Western 4-H Regional Leader's Forum, Programs Committee, 1999–2002.  
 Chair, States' 4-H International Exchange Programs, 2009-2010.  
 Vice-Chair, National 4-H Program Leaders' Group, 2009.  
 Arizona Governor's Fairs and Livestock Advisory Committee, 2009-Present.  
 Chair, National 4-H Program Leadership Team, 2010-2011.  
 Project CentRL Board of Directors, 2011 to 2012.  
 Western Regional 4-H Program Leaders, Vice-Chair, 2014 to Present.  
 Arizona Center for Afterschool Excellence, Board Member

## **Professional Association Affiliations**

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National Association of Extension 4-H Agents (32 years)

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Montana Association of Extension 4-H Agents (18 years)  
Arizona Association of Extension 4-H Agents (7 years)  
Arizona Center for Afterschool Excellence (2 years)—Board member and officer  
Montana Collaboration for Youth—Founder  
Association of Natural Resource Extension Professionals  
Association of Leadership Educators  
Epsilon Sigma Phi, Alpha Chapter  
Phi Delta Kappa, MSU Chapter  
Montana After-School Network, Steering Committee Member  
National AfterSchool Association, Board Member  
National Science Teachers' Association, Member  
Arizona Science Teachers' Association, Member  
ACT State Organization, Member

### **Technology Activities**

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**Astroth**, K.A. (2013). Dust Storm. An app developed to help drivers deal with blowing dust and dust storms on highways and reduce highway deaths. Tucson, AZ: The University of Arizona. Available for free download through both iTunes and Google.

Bean, Patty, Ring, Seth, and **Astroth**, K.A. (2007) TerraPod. A web-based curriculum designed to teach youth how to make their own science-based film documentaries.

### **Grant Activities**

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**Astroth**, Kirk A. "Native American Family Empowerment Project." U.S.D.A. Extension Service Youth at Risk Fund, Awarded \$313,021.00 1991-1996. Contract #290-713.

**Astroth**, Kirk A. "4-H National Clothing Curriculum Development Project." National 4-H Cooperative Curriculum System Project, University of Minnesota. Awarded \$40,000. 1995-1997.

**Astroth**, Kirk A. "Montana AmeriCorps Promise Fellows Program." The Montana Community Service Commission, Office of the Governor. Awarded \$114,934. February 1, 1999–January 30, 2000. Contract #428-013.

**Astroth**, Kirk A. "Interagency Coordinating Council for Prevention Strategic Planning Session Grant. The Office of Community Service, Governor's Office. Awarded \$10,000. January-June 2000.

**Astroth**, Kirk A. USDA Innovative Programs Grant for the Great Plains & Intermountain West Land Resources Project. Awarded \$25,000 in 2003.

**Astroth**, Kirk A. "MSU Meth Education Project." Office of Public Instruction. Awarded \$60,000 July 2004-June 2005.

**Astroth**, Kirk A. "Rural Youth Program—Engaging Youth/Strengthening Communities." Awarded \$17,500 . April 2003-January 2005.

**Astroth**, Kirk A. "Air Force 4-H Club Project. USDA Programming Grant. Awarded \$15,300 December 1, 2003-November 30, 2004.

**Astroth**, Kirk A.. "Military 4-H Clubs Grant. USDA Programming Grant. Awarded \$30,000. December 1, 2004-November 30, 2005.

**Astroth**, Kirk A. "Youth/Adult Partnership Grant. MetLife Foundation. Awarded \$3,000. January 2005 – December 2005.

**Astroth**, Kirk A. "Youth in Governance Grant. Surdna Foundation. Awarded \$10,000. July 1, 2005 – June 2006.

**Astroth, Kirk A.** “Office of Public Instruction Meth Prevention Education Project.” Awarded \$60,000 to develop a series of meth prevention PowerPoints to be used by teachers with middle and high school students. July 2004 to December 2005.

**Astroth, Kirk A.** Montana Department of Justice, Office of the Attorney General. Meth Prevention Evaluation Project. Awarded \$8,500 to evaluate the impact of the meth prevention PowerPoints on public school students. July 2006—May 2007.

**Astroth, Kirk A. and Martz, Jill.** Academy for Educational Development. “Media Smart Youth” Educational Grant. Awarded \$15,000 to disseminate curriculum and train Extension professionals to deliver this 10-unit curriculum. Only 4-H organization to be awarded this grant. July 2006-January 2007.

**Astroth, Kirk A.** National 4-H Headquarters & National 4-H Council. A Study of National 4-H Staffing Structures, Salaries and Academic Attainment. Awarded \$6000 to investigate 4-H professional staffing structures in all 50 states. July 2006 – February 2007.

**Astroth, Kirk A.** “No Child Left Inside--4-H Connecting Youth with the Outdoors.” Awarded \$23,000 from USDA to convene a think tank at Biosphere2 to explore initiatives for this effort through the 4-H system. October 2008 – September 2009.

**Astroth, Kirk A.** “No Child Left Inside-4-H Connecting Youth with the Outdoors.” Awarded \$43,000 from USDA to follow up on initiatives identified at the Biosphere2 retreat to bring ideas to fruition. October 2009 – September 2010.

**Astroth, Kirk A.** “No Child Left Inside-4-H Connecting Youth with the Outdoors.” Awarded \$157,000 from USDA to continue curriculum development of “Backyards & Beyond” and conduct regional trainings on this curriculum. October 2010 – September 2011.

**Astroth, Kirk A.** “Strengthening Arizona Communities” AmeriCorps\*VISTA project for 15 members, including one VISTA Leader. Arizona State Corporation for National and Community Service, \$280,000. Five year continuing grant.

Ehlers, Georgia and **Astroth, Kirk A.** UA Wildcat Corps AmeriCorps Project for 19.8 FTE member positions. Arizona Governor’s Office for Children, Youth and Families. \$266,000. October 1, 2010 through September 30, 2011. Renewable funding for 5 years.

**Astroth, Kirk A.** Get Out/Get Active grant for \$110,000 to encourage youth and adults to get outside, become more physically active and change their nutritional habits. Subaward from Michigan State, 2010-2011.

**Astroth, Kirk A.** Stanley G. Leeds Foundation Grant. \$45,000 to support TerraPod and film-making workshops with equipment and computers.

**Astroth, Kirk A.** Monsanto Volunteer Leadership Development Grant. \$2,000 awarded to assist with expenses for a statewide volunteer leaders’ forum.

**Astroth, Kirk A.** 4-H Club Military Grant Program. Annually, this grant provides \$42,500 to assist with efforts to engage youth whose parents serve in the military and are housed at one of four military installations in Arizona. In addition, this grant provides \$12,500 to assist us with providing support to the Off-Continental US (OCONUS) Air Force bases in Japan and Korea.

Noon, Teresa and **Astroth, Kirk A.** Operation Military Kids grant of \$100,000 to provide support and youth development programming to families affiliated with the National Guard and Reserves in Arizona.

**Astroth, Kirk A.** UA Wildcat Corps AmeriCorps Project—2013-Present. Approximately \$130,000 per year to support 25-30 AmeriCorps positions located in county Extension offices to increase organizational capacity.

**Astroth, Kirk A., Larsen, Eric, Peters, Curt.** 2014. National 4-H Council—National 4-H Youth Science Day Experiment Design Competition. \$20,000. Our design for the 7<sup>th</sup> annual National 4-H Youth Science Day was selected as the winning design

**Astroth, Kirk A.** 2014. NASA Summer of Innovation Grant for “Rockets to the Rescue!”—the National Youth Science Day Experiment. \$30,000.

**Astroth, Kirk A.** 2014. Arizona Department of Education Training Grant to train program leaders at 21<sup>st</sup> Century Community Learning Centers in Rockets to the Rescue! \$10,000.

## **Research Activities**

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**Astroth, Kirk A.** "Welcome to the Club: Education and Learning Where the Bell Never Rings." (1996). All privately funded with in-kind support from the Montana 4-H Office. Results showed that youth in clubs led by autonomy-oriented leaders are more likely to develop life skills and practical skills than youth in clubs led by control-oriented leaders.

**Astroth, Kirk A., Villaseñor, Estella, and Lewis, John.** (1996). "Focus Group Study of Belgrade Employers, Educators, Parents and Students Related to Workforce Preparation." A research project designed to examine what Belgrade employers are looking for in high school graduates and how well the schools are preparing students for these careers. Conducted 12 focus groups of the four segments and triangulated data to produce a report for the Belgrade schools.

**Astroth, Kirk A.** (1995-Present) "Developing Capable People--Montana." A research project measuring the effectiveness of the training provided by this program to result in behavior change. Participants complete a pre and post-test survey instrument with a follow-up survey of a random sample of participants 18 months later. Results so far show a statistically significant improvement ( $\alpha = .05$ ) in positive behaviors and a decline in negative behaviors.

**Astroth, Kirk A.** (1997) "Focus Group Interviews of 4-H youth and leaders regarding Record Keeping in Montana 4-H." During 1997, the candidate conducted focus group interviews with more than 120 youth and adults all over the state to assess existing attitudes and beliefs about record keeping in the 4-H program. The results of these focus group interviews were used to revised and develop new 4-H record keeping forms and curriculum for the state. Numerous counties in other states have purchased our materials because they are so grounded in youth input.

**Astroth, Kirk A., Allison Titcomb (AZ), Gary Gerhard (KS), Steve Carlson (MN) and others.** "The National 4-H Impact Assessment Project." (December 1997–Present). This national research project is designed to assess the impact of the 4-H experience on young people. Participated in the initial planning conference in Tucson, AZ in December 1997 and presented a summary of my own doctoral research on elements of effective youth groups. As a result, was appointed to serve on the "Critical Elements" task force which identified eight critical elements of a quality youth development program. Have continued to be involved with the project as a reviewer, and here in Montana we are using some of the same questions in our own impact study. For more information on this project, visit the web site at: <http://Ag.Arizona.Edu/icyf/ICYF4HPage.htm>

**Astroth, Kirk A.** (2000). "Montanans Perceptions of Child Well-Being Issues." A public opinion poll of 404 randomly selected residents of Montana regarding a variety of issues related to child-well being and state funding. A major press conference to unveil the results was held on "Stand for Children Day" June 1, 2000 on the steps of the capitol in Helena.

**Astroth, Kirk A., George A. Haynes, Roni Baker, Todd Kesner, Tara Andrews, and Pat Murphy.** (2000) "MSU Extension Survey of Students' Out-of-School Time." This impact was designed to assess the impact of the 4-H experience on randomly selected school-age youth around Montana as compared to youth who have never been in 4-H. The survey instrument was been developed in conjunction with a research oversight committee of campus faculty and our procedures were approved by the University Human Subjects Committee. The College of Nursing coded the data, and faculty in the College of Health & Human Development analyzed

the data. The survey has now been replicated in 5 other states and is used as a model for communicating 4-H impacts.

**Astroth**, Kirk A. National 4-H Curriculum Survey. Funded by National 4-H Council and CSREES/National 4-H Headquarters. This survey collected over 1,250 responses from around the nation to assess the current status of 4-H curricula and provided benchmark data for the National 4-H Curriculum Summit in Washington, D.C. in June 2007.

### **Selected Refereed Publications**

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**Astroth**, Kirk A. The Challenge of Retaining 4-H Members: Using the New Family Coordinator. Journal of Extension, Vol. 23 (Fall 1984), pp. 14-15.

**Astroth**, Kirk A. and Robbins, Benny S. No Time For Modesty: Visibility is Essential for Program Survival. Journal of Extension, Vol. 24 (Spring 1986) pp. 21-24.

**Astroth**, Kirk A. Partnerships Can be Sticky Business. Journal of Extension, Vol. 24 (Fall 1986) pp. 5-7.

**Astroth**, Kirk A. and Robbins, Benny S. Recess is Over: Re-examining Our Role as Educators. Journal of Extension, Vol. 25 (Fall 1987) pp. 10-12.

**Astroth**, Kirk A. Self-Reliant Youth. Journal of Extension, Vol. 27 (Summer 1989) p. 30.

**Astroth**, Kirk A. Information Technology: Extension's Future. Journal of Extension, Vol. 28, (Spring 1990) p. 30-31.

**Astroth**, Kirk A. "Prevention Education Programs: Can They Be Effective?" Journal of Extension, Vol. 29, (Spring 1991) pp. 38-39.

**Astroth**, Kirk A. Getting Serious About Strategic Alliances: Conceptualizing the Collaboration Process. Journal of Extension, Vol. 29. (Fall 1991) pp. 8-10.

**Astroth**, Kirk A. More than Good Intentions: A Developmental Model for Building Strategic Alliances. New Designs for Youth Development, (Spring 1992). Vol.9:9-11.

**Astroth**, Kirk A. More than Good Intentions: A Developmental Model for Building Strategic Alliances. Community Education Journal. (Fall 1992). Vol 20(1): 9-12.

**Astroth**, Kirk A. Extension Should Break It Before It's Beyond Fixing. Journal of Extension Vol. 30 (Fall 1992). pp. 39-40.

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### Selected Refereed Conference Seminars

- Astroth, Kirk A.** "Educating for Change: Increasing Autonomy-Supporting Behavior and Decreasing Heteronomy-Supporting Behavior in Adults with the 'Developing Capable People' Program. Selected research report at the and printed in Conference Proceedings of National Association of Extension 4-H Agents' Annual Conference (Grand Rapids, MI: November 5-9, 1996) p. 9
- Astroth, Kirk A.** "Educating Yourself for Change: Reading Research for Fun and Profit." Selected seminar presentation at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference (Grand Rapids, MI: November 5-9, 1996. p. 5

**Astroth**, Kirk A. "Understanding Risk and Resiliency: Developing Youth Potential Together." Selected workshop presentation at the 10<sup>th</sup> Annual Conference for Emotionally and Severely Disturbed Children. (Helena, MT: September 29–October 1, 1998).

**Astroth**, Kirk A. "Welcome to the Club: Education Where the Bell Never Rings" research report presented at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference (Louisville, KY: November 1-5, 1998) p. 92.

**Astroth**, Kirk A. and Lorbeer, Scott. "Developing Capable People: Fostering Behavior Change Through Education." A research report presented at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference (Louisville, KY: November 1-5, 1998) p. 91.

**Astroth**, Kirk A. and Shrauger, Nick. "Frankly Scarlet, Record Books Can Be Fun." Selected seminar presentation at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference (Louisville, KY: November 1-5, 1998). p. 85.

**Astroth**, Kirk A. "Models of State Agency Coordination and Collaboration." Selected seminar for the 2<sup>nd</sup> Annual National Social Norms Conference. (Big Sky Resort, MT: July 28-30, 1999).

**Astroth**, Kirk A. "Forging Vibrant Youth Groups: The Game." Selected seminar presented at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference. (Pittsburgh, PA: October 24-28, 1999). p. 30

**Astroth**, Kirk A. "Survival of the Fittest: Is Social Darwinism Ruining Your 4-H Program?" Selected seminar presented at and printed in Conference Proceedings of the National Association of Extension 4-H Agents' Annual Conference (Pittsburgh, PA: October 24-28, 1999). p. 62.

**Astroth**, Kirk A. "How Kids are Smart: Teaching for Multiple Intelligences in 4-H." Selected seminar presented at the National Association of Extension 4-H Agents' Annual Conference and printed in Conference Proceedings (Denver, CO: November 5-9, 2000). p. 73.

**Astroth**, Kirk A., Dawson, Patricia A., and Justice, Jean. "Publish or Perish: Writing for Professional Journals." Selected seminar to be presented at the National Association of Extension 4-H Agents' Annual Conference and printed in Conference Proceedings (Denver, CO: November 5-9, 2000). p. 61.

Kesner, Todd and **Astroth**, Kirk A. "Reaching for the Pinnacle: Creative Programming for Non-Traditional Audiences" Selected seminar to be presented with Todd Kesner at the National Association of Extension 4-H Agents and printed in Conference Proceedings (Denver, CO: November 5-9, 2000). p. 41-42.

**Astroth**, Kirk A. "4-H Making a Difference: MSU Out-of-School Time Survey. Selected research report presented at the National Association of Extension 4-H Agents' Annual Conference and printed in Conference Proceedings (Bismarck, ND: October 21-25, 2001). p. 44.

**Astroth**, Kirk A. (2004). "No Rhyme or Reason: Using Poetry to Reach At-Risk Youth." Selected workshop presented at the Children, Youth and Families at Risk (CYFAR) conference in Seattle, WA. May 11-14, 2004.

**Astroth**, Kirk A, Coley, Mary and Moseley, Chris. (2004). "Home, Home on the Range: Teaching Youth About Working Landscapes and Open Spaces. Selected seminar presented at the National Association of Extension 4-H Agents' annual conference and printed in Conference Proceedings. (Oklahoma City, OK: October 31-November 4, 2004). p. 46.

Deen, Mary, Barthel, Jim and **Astroth**, Kirk A. "Staking Our Claim on Professional Development: The National 4-H Youth Development Practitioner Apprenticeship Certificate Program." Selected seminar presented at the National Association of Extension 4-H Agents'

annual conference and printed in Conference Proceedings. (Oklahoma City, OK: October 31-November 4, 2004). p. 21

**Astroth**, Kirk A. "Homes on the Range—A New 4-H Curriculum about Working Landscapes." Selected poster presentation at the National Association of Extension 4-H Agents' annual conference and printed in Conference Proceedings. (October 30-November 3, 2005). p. 25.

**Astroth**, Kirk A. "Meth Prevention Education: An Extension Quest and Response." Selected seminar presented at the National Association of Extension 4-H Agents' annual conference and printed in Conference Proceedings. (Milwaukee, WI: October 22-26, 2006). p. 55.

Garza, Pam and **Astroth**, Kirk A. "Professional Competencies for Youth Workers: An Asset Approach." Selected seminar presented at the annual Search Institute "Healthy Youth/Healthy Communities" Conference. Minneapolis, MN: October 27-30, 2006.).

**Astroth**, Kirk A. and Garza, Pam. "Building Highly Skilled Staff." Selected seminar presented at the annual Children, Youth and Families At Risk (CYFAR) conference. Chicago, IL: May 3-5, 2007.

**Astroth**, Kirk A. "At Home on the Range: Teaching Youth About Open Lands." Selected presentation for the 7th National Arbor Day Foundation Annual Conference Nebraska City, NE: October 9, 2007.

**Astroth**, Kirk A. and Stone, Cody. "Bullies, Tattletales and Nimrods: Dealing with Difficult People in 4-H." Selected seminar presented at the National Association of Extension 4-H Agents' annual conference in Atlanta, GA, October 21-25, 2007.

Flynn, A, Igo, C, and **Astroth**, K.A. (2008, April). College aspirations of Montana 4-H youth. Proceedings of the 2008 Western Region Agriculture Research Conference, Park City, UT. 27, 316-318.

**Astroth**, K.A. (2008, July). Youth development, vibrancy and the science of the positive. Invited presenter at the 2<sup>nd</sup> Biennial World Conference of the Society on Korean Children and Youth Studies, "Positive Youth Development & Welfare through Strengths and Spirituality: Views from Korea and America." Abstract printed in Conference Proceedings, p. 31. Lawrence, KS: University of Kansas.

**Astroth**, K.A. (2009, July). Youth and land conservation: Educating youth on the environment and natural resources. Invited presenter at the 2009 National Association of Resource Conservation and Development Councils' annual conference. Albuquerque, NM.

**Astroth**, K.A., Goodwin, J. and Hodnett, F. (2009). Stop Global Whining: Nurturing a Complaint-Free 4-H Program. Selected seminar presented at the National Association of Extension 4-H Agents' annual conference in Rochester, NY, October 25-29, 2009.

**Astroth**, K.A. (2009). I'm Telling! Investigating Allegations of Wrongdoing in 4-H Programs. Selected seminar presented at the National Association of Extension 4-H Agents' annual conference in Rochester, NY, October 25-29.

Rothenburger, L., Garza, P., **Astroth**, K.A. and Varella, G. (2009). On your mark...get SET..Go! Improving your SET professional development toolbox. Peer-reviewed poster session presented at the National Association of Extension 4-H Agents' annual conference in Rochester, NY, October 25-29.

**Astroth**, K.A. (2010). Stop Global Whining: Reducing Workplace Complaining. Selected workshop for the American Humanics Management/Leadership Institute Annual Conference in Phoenix, AZ, January 3-6.

Goodwin, J., Hodnett, F. and **Astroth**, K.A. (2010). Cowboy Ethics: What Wall Street (and Extension Professionals) Can Learn from the Code of the West. Selected seminar presented at the National Association of Extension 4-H Agents' annual conference in Phoenix, AZ: October 24-28. Conference Proceedings, p. 54.

**Astroth, K.A. and Dhruv, S. (2012).** Re-Connecting Youth with Nature: Backyards & Beyond. Presented at the Arizona Center for Afterschool Excellence Annual Conference, Phoenix, AZ: November 3.

**Astroth, K.A. (2013).** Backyards & Beyond: Neighborhood Nature Clubs to Reconnect Youth with the Natural World. Selected seminar at 25<sup>th</sup> annual conference of the National Afterschool Association in Indianapolis, IN: April 7-10.

**Astroth, K.A. and Garza P. (2013).** Expanding Minds and Opportunities—Book Review. Afterschool Today, Vol 4(2): Summer. p. 6.

**Astroth, K.A. (2014).** Backyards & Beyond. Selected national webinar for National 4-H Council's series on Positive Youth Development Learning Products. Broadcast on February 6, 2014. 46 attendees. 1 hour.

Buckley, J., **Astroth, K.A. (2014)** How AmeriCorps Can Extend Extension Work. Peer-reviewed seminar selected for the National Association of Extension 4-H Agents, Minneapolis, MN, October 26-30.

**Astroth, K.A., Larsen, E.L., and Peters, C. (2014).** The Totally Amazing, Incredible Food Lift. Peer-reviewed seminar workshop selected for the National Association of Extension 4-H Agents, Minneapolis, MN: October 26-30

**Astroth, K.A., and Larsen, E.L. (2015).** Rockets to the Rescue! Engineering Designs to Solve Food Security Issues. National Science Teachers Association STEM Forum, Minneapolis, MN: May 20-23.

**Astroth, K.A. (2015).** Re-Connecting Youth to the Outdoors: Backyards & Beyond. Peer-reviewed seminar workshop selected for the National Association of Extension 4-H Agents' annual conference, Portland, OR, October 24-27.

Lindstrom, J., **Astroth, K.A., Waldren, D., Davison, S. (2015).** International Opportunities in 4-H. Peer-reviewed seminar workshop selected for the National Association of Extension 4-H Agents' annual conference, Portland, OR, October 24-27.

**Astroth, K.A. (2016).** 4-H Global Positive Youth Development: Lessons Learned and Future Opportunities. One of 10 presenters at the Penn State "Global Learning in Agriculture Conference" online, January 8, 2016. Twitter@globalteachag